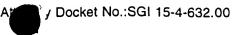


Declaration

DISPLAY SYSTEM HAV	ING FLOATING POIN	T RASTERIZA	TION AND FLOA	TING POINT	FRAMEBUFFERING
the specification of which	ch:				
is attached hereto X was filed on 6 was amend	o, or /16/98 as app ed on	lication serial no	o. <u>09/098,04</u>	1 : and	·
I hereby state that I have the claims, as amended	e reviewed and underst by any amendment refe	and the contenerred to above;	ts of the above id and	lentified specifi	cation, including
	to disclose information w 7, Code of Federal Regu			on of this appli	cation in
Foreign Priority	Claim				
for patent or inventor's of	riority benefits under Titl ertificate listed below ar ring a filing date before t	nd have also ide	entified below any	/ foreign applic	ation for patent or
Number	Country	Date Filed	Priority Claime	d	
		***************************************	yes	no no	
		•••••••••••	yes	no	
U.S. Priority Cla	im				
listed below and, insofar United States applicatio 112, I acknowledge the	fit under Title 35, United as the subject matter of n in the manner provide duty to disclose materia ccurred between the filing this application:	f each of the cla ed by the first pa Il information as	tims of this applications application in the 3 transfer in the 3 transfer in Title 3 t	ation is not disc 35, United State 37, Code of Fec	closed in the prior es Code, Section deral Regulations,
Serial Number	Filing Date	Statu	s (patented/pend	ding/abandone	ed)
			***************************************		·····
			•••••	***************************************	****
	•				





As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent Trademark Office connected therewith.

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Wilfred H. Lam	Registration No.: P-41,923
Steve Weiner	Registration No.: 38,330
Chris Byrne	Registration No.: 32,204
Irene Fernandez	Registration No.: 34,625
John Brigden	Registration No.: 40,530

Send Correspondence to:

WAGNER, MURABITO & HAO Two North Market Street, Third Floor San Jose, California 95113

(408) 938-9060

Signatures

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

rui Name of Sole/First inventor. John M. Alrey	
Inventor's Signature JJM 17 Residence Mountain View, California Citizenship	Date July 30 1998
residence mountain view, californya Cuizenship	USA
(City State) P.O. Address 340 Vincent Drive, Mountain View, Califor	mia 94041
Full Name of Second/Joint Inventor: Mark S. Peercy	
Inventor's Signature	Date
Residence Sunnyvale], California Citizenship (City State)	USA
P.O. Address 955 Escalon Avenue, Sunnyvale, California	94086
Full Name of Third/Joint Inventor: - Robert A. Drebin	
Inventor's Signature	Date
Inventor's Signature Residence Palo Alto, California Citizenship	USA
(City State)	
P.O. Address 1100 Cedar Street, Palo Alto, California	94301

Full Name of Fourth/Joint Inventor: John Montrym		••••••
Inventor's Signature	Date	
Inventor's Signature Residence <u>Los Altos, California</u>	Citizenship USA	
(City State)		
P.O. Address 1429 Miravalle Avenue, Los A	ltos, California 94024	
Full Name of Fifth/Joint Inventor:	ıam	
Inventor's Signature	Date	
Inventor's Signature Residence Belmont California (City State)	Citizenship Canadian	
(City State)	- 115 · 64000	
P.O. Address 1806 Mezes Avenue, Belmont, o	California 94002	
Full Name of sixth/Joint Inventor: Christopher J	. Migdal	***************************************
Inventor's Signature	Date	***************************************
Inventor's Signature Residence Mountain View, California (City State)	Citizenship Canadian	•••••
(City State) P.O. Address 603 Tami Way, Mountain View,	California 94041	
1.0. Address 003 famil way, mountain view,	California 34041	•••••
Full Name of Seventh /Joint		
	·	
•		
Inventor's Signature	Date	
Inventor's Signature Residence Fremont, California	Citizenship USA	***************************************
(City State)		
P.O. Address 34350 Eucalvotus Terrace, Fro	emont. California 94555	



Declaration

DISPLAY	SYSTEM F	LAVING	FLOATING	POINT	RASTE	RIZAT	ION AN	ID FLOA	TING	POINT	FRAMEB	UFFERING
the specif	ication of w	hich:										
is a	ttached her filed on was ame	eto, or 6/16/9 nded on	8	as applic	cation se	erial no.	09/	098,04	1:	and		
I hereby s the claims	tate that I h , as amend	ave revie	ewed and u amendme	ndersta ent refer	nd the co	ontents oove; a	of the	above id	entified	specific	cation, in	cluding
l acknowle accordance	edge the du ce with Title	ty to disci 37, Code	lose inform e of Federa	ation wh Il Regula	ich is mations, S	aterial i Section	to the ex 1.56(a)	kaminatio	on of thi	is applic	ation in	
Foreign	Priority	y Clain	n									
for patent	laim foreign or inventor certificate h	s certifica	ite listed be	low and	l have al	lso ider	ntified be	elow anv	foreiar	n applica	ation for r	olication(s) patent or
Number		Count	try		Date File	ed	Priority	/ Claimed	d			
•••••••••••••••••••••••••••••••••••••••	•••••••••••	*******************************	•••••	••••••	***************************************	•••••••	••••	yes	,	no		
******************************	**********************	***************************************	••••••••	•••••	•••••••	***************************************	••••	yes	*********	no		
U.S. Pr	iority C	laim										
United Sta 112, I ackr Section 1.	laim the ber w and, insor ites applica nowledge th 56(a) which ial filing date	rar as the tion in the ne duty to occurred	subject ma manner p disclose m I between t	atter of e rovided naterial i he filing	each of the find the second se	he clair rst para on as c	ns of thi agraph (defined	is applica of Title 3 in Title 3	ation is 5, Unite 7. Code	not disc ed State e of Fed	losed in t s Code, t eral Regi	he prior
Serial Nun	nber		Filing Da	te	;	Status	(patent	ed/pend	ing/aba	andone	d)	
***************************************	***************************************	••••••	***************************************	·····	••••••••••	*************	***************************************	•••••		•••••	•••	
***************************************	***************************************	••••••••	***************************************	*****************		************	***************************************	••••••	•••••••••	•••••	•••	



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Full Name of Sole/First Inventor: John M. Airey	
Inventor's Signature	Date
Inventor's Signature Residence Mountain View, California Citizenship (City State)	USA
(City State) P.O. Address 340 Vincent Drive, Mountain View, Califor	
Full Name of Second/Joint Inventor: Mark S. Peercy	
Inventor's Signature / Ak 5 / Ak 4 / Ak 5 /	Date 8/3/98
Residence Sunnyvale), California Citizenship	USA
(City State) / P.O. Address 955 Escalon Avenue, Sunnyvale, California	
Full Name of Third/Joint Inventor:Robert A. Drebin	
Inventor's Signature Residence Palo Alto, California Citizenship	
Hesidence Palo Alto, California Citizenship	USA
(City State) P.O. Address 1100 Cedar Street, Palo Alto, California	



Full Name of Fourth/Joint Inventor: John Mont	rym
Inventor's Signature	Date
IUIV SIAIHI	Date Citizenship USA
P.O. Address 1429 Miravalle Avenue, L	os Altos, California 94024
Full Name of Fifth/Joint Inventor: David L.	Dignam
Inventor's Signature	Date
Residence Belmont California (City State)	Date Citizenship Canadian
P.O. Address 1806 Mezes Avenue, Belmon	nt, California 94002
	r J. Migdal
Inventor's Signature	Date
Residence Mountain View, California (City State)	Date Citizenship Canadian
P.O. Address 603 Tami Way, Mountain V	iew, California 94041
Full Name of Seventh /Joint	
Inventor: Danny D.	Loh
Inventor's Signature	Date
Residence Fremont, California (City State)	Date Citizenship USA
P.O. Address 34350 Eucalyptus Terrace,	, Fremont, California 94555



Declaration

DISPLAY SYSTEM HA	VING FLOATING POIN	NT RASTERIZA	TION AND FLO	DATING POINT	' FRAMEBUFFERING
the specification of wh	ich:				
is attached heret X was filed on was amen	o, or 6/16/98 as app ded on	olication serial no	09/098,0	41 : and	
I hereby state that I ha the claims, as amended	ve reviewed and unders d by any amendment refe	tand the content erred to above; a	s of the above	identified specif	ication, including
I acknowledge the duty accordance with Title 3	to disclose information v 7, Code of Federal Regu	vhich is material ulations, Sectior	to the examina 1.56(a).	tion of this appli	cation in
Foreign Priority	Claim				
TO PERSON OF THE CHILDING	priority benefits under Tit certificate listed below ar ving a filing date before t	ICI DAVO AISO IDO	DITTION DOLONG OF	u toroies estis	
Number	Country	Date Filed	Priority Claim	ed	
			yes	no	
	•••••••••••••••••••••••••••••••••••••••	***************************************	yes	no	
U.S. Priority Cla	im				
United States application 112, I acknowledge the	fit under Title 35, United as the subject matter of n in the manner provided duty to disclose material ocurred between the filing this application:	each of the claid d by the first par Linformation as	ms of this applic agraph of Title : defined in Title :	cation is not disc 35, United State	closed in the prior es Code, Section
Serial Number	Filing Date	Status	(patented/pen	ding/abandone	d)
			•••••	***************************************	••••
		***************************************	•••••	••••••	
	-				



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Irene Fernandez	Registration No.: 34,625
John Brigden	Registration No.: 40,530

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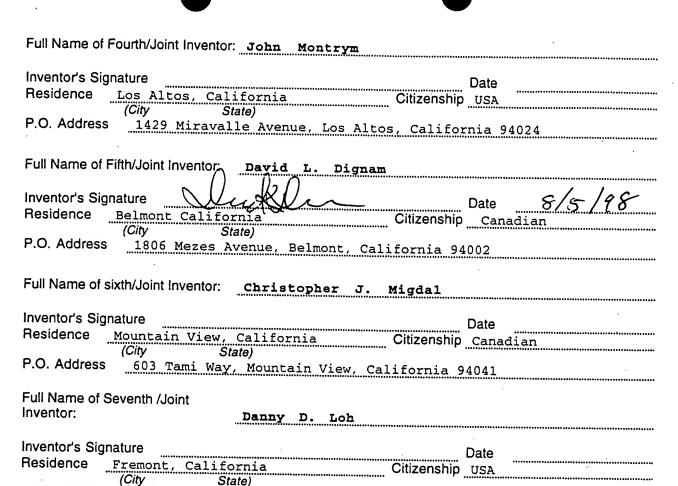
WAGNER, MURABITO & HAO Two North Market Street, Third Floor San Jose, California 95113 (408) 938-9060

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Full Name of Sole/First Inventor: John M. Airey	***************************************
Inventor's Signature	Date
Inventor's Signature Residence Mountain View, California Citizenship (City State)	USA
(City State) P.O. Address 340 Vincent Drive, Mountain View, Californ	rnia 94041
Full Name of Second/Joint Inventor: Mark S. Peercy	
Inventor's Signature Residence Sunnyvale], California Citizenship (City State)	USA
P.O. Address 955 Escalon Avenue, Sunnyvale, California	94086
Full Name of Third/Joint Inventor: - Robert A. Drebin	
Laio Arto, Carriornia Citizenship	USA
(City State) P.O. Address 1100 Cedar Street, Palo Alto, California	94301

P.O. Address



34350 Eucalyptus Terrace, Fremont, California 94555



Declaration

the specification of	MAVING FLOATING PO: which:	INT RASTERIZA	ATION AND FLOATIN	NG POINT FRAMEBUFFER	ING
is attached h X was filed on was ar	nereto, or 6/16/98 as ap mended on	oplication serial n	0. 09/098,041	: and	
I hereby state that the claims, as ame	I have reviewed and under nded by any amendment re	stand the content eferred to above;	its of the above identif	fied specification, including)
I acknowledge the accordance with Ti	duty to disclose information tle 37, Code of Federal Re	which is materia gulations, Section	I to the examination o	f this application in	
Foreign Prior	ity Claim				
	gn priority benefits under T or's certificate listed below a e having a filing date before				n(s) or
Number	Country		Priority Claimed		
***************************************		•••	yes	no	
***************************************		*** ***********************************	yes	no	
U.S. Priority	Claim		٠.		
United States applice 112, I acknowledge Section 1.56(a) whice	enefit under Title 35, Unite sofar as the subject matter of ation in the manner provide the duty to disclose materia ch occurred between the fili ate of this application:	ed by the first parallel information on	ims of this application ragraph of Title 35, Ur	is not disclosed in the prior nited States Code, Section	
Serial Number	Filing Date	Status	(patented/pending/a	abandoned)	
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***************************************	······································			•••••••••••••••••••••••••••••••••••••••	



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Inventor's Signature Residence Mountain View, California Citizenship (City State)	USA
P.O. Address 340 Vincent Drive, Mountain View, Califor	nia 94041
Full Name of Second/Joint Inventor: Mark S. Peercy	
Inventor's Signature	Data
Inventor's Signature Residence Sunnyvale], California Citizenship (City State)	USA
P.O. Address 955 Escalon Avenue, Sunnyvale, California	94086
Full Name of Third/Joint Inventor: Robert A. Drebin	
nventor's Signature	D .
nventor's Signature Residence Palo Alto, California Citizenship (City State)	Date
(City State)	USA
P.O. Address 1100 Cedar Street, Palo Alto, California	94301

Date

Citizenship USA

Inventor's Signature

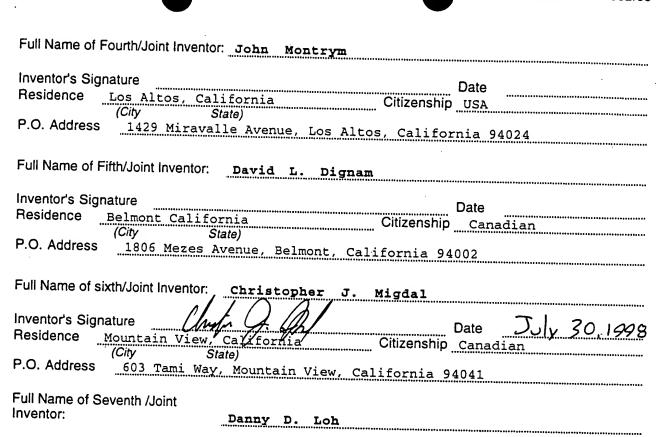
(City

Fremont, California

State)

Residence

P.O. Address



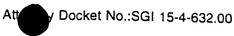
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I hereby state that I h the claims, as amend	ave reviewed and unde ed by any amendment r	erstand the contents of the above identified specification, including referred to above; and
I acknowledge the dutaccordance with Title	ry to disclose information 37, Code of Federal Re	on which is material to the examination of this application in egulations, Section 1.56(a).
Foreign Priority	Claim	•
I hereby claim foreign for patent or inventor's inventor's certificate h	priority benefits under certificate listed below aving a filing date before	Title 35, United States Code Section 119 of any foreign application(s) and have also identified below any foreign application for patent or that of the application on which priority is claimed:
Number	Country	Date Filed Priority Claimed
		yes no yes no
U.S. Priority Cl		yes no
United States application 112. I acknowledge the	on in the manner provided duty to disclose materials	ed States Code, Section 120 of any United States application(s) of each of the claims of this application is not disclosed in the prior ded by the first paragraph of Title 35, United States Code, Section rial information as defined in Title 37, Code of Federal Regulations, iling date of the prior application and the national or PCT
Serial Number	Filing Date	Status (patented/pending/abandoned)
***************************************	······································	





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Inventor's Signature Residence	USA
(City State) P.O. Address 340 Vincent Drive, Mountain View, Califor	nia 94041
Full Name of Second/Joint Inventor: Mark S. Peercy	
Inventor's Signature	Data
Inventor's Signature Residence Sunnyvale], California Citizenship (City State)	USA
(City State) P.O. Address 955 Escalon Avenue, Sunnyvale, California	94086
Full Name of Third/Joint Inventor: - Robert A. Drebin	
Inventor's Signature	Data
Inventor's Signature Residence Palo Alto, California Citizenship (City State)	USA
(City State) P.O. Address 1100 Cedar Street, Palo Alto, California 9	94301



Full Name of Fourth/Joint Inventor: John Montrym	
Inventor's Signature	Date
Inventor's Signature Residence Los Altos, California (City State)	Citizenship USA
P.O. Address 1429 Miravalle Avenue, Los Alto	s, California 94024
Full Name of Fifth/Joint Inventor: David L. Dignam	
Inventor's Signature	Date
Inventor's Signature Residence Belmont California (City State)	Citizenship Canadian
P.O. Address 1806 Mezes Avenue, Belmont, Cal	
Full Name of sixth/Joint Inventor: Christopher J.	•
nventor's Signature Residence <u>Mountain View, California</u> (City State)	Citizenship Canadian
P.O. Address 603 Tami Way, Mountain View, Ca	lifornia 94041
Full Name of Seventh /Joint nventor: Danny D. Loh	
nventor's Signature Janus Jek Residence Fremont, California (City State)	Date 8/1/98
(City State)	Citizenship USA
P.O. Address 34350 Eucalyptus Terrace, Fremo	nt, California 94555

PETITION FORM FOR SIGNATURE BY PERSON WITH SUFFICIENT PROPRIETARY INTEREST ON BEHALF OF OMITTED INVENTOR(S)WHO REFUSE(S)TO SIGN OR CANNOT BE REACHED (37 CFR 1.47(b))

(type or	James P. Hao De or print name of person (entity) with sufficient proprietary interest or authorized to act on behalf of such person (entity))		
	ereby declare that:		
1.	I am a citizen of <u>United States of America</u>		
residin	ig at	1678 Tupolo Drive	
		San Jose, California 95124	
II.	[]	am a person with sufficient proprietary interest.	
	[X]	am a registered attorney, authorized by the following person or juristic entity with sufficient proprietary interest,	
		(complete the following information, if applicable):	
	Silicon Graphics, Inc.		
	2011 N	orth Shoreline Boulevard	
	Mounta	in View, California 94043-1389	
III.		e of this proprietary interest, I sign this declaration on behalf of, and as agent for: Mr. Robert A. Drebin	
omitted	l invento	r who	
		[] refuses to sign	
		[X] cannot be found or reached	
		Citizenship: United States of America	
	·	1100 Cedar Street	
		Palo Alto, California 94301	

- IV. Upon information and belief, I aver those fact that the inventors is required to state, 37 CFR 1.64(b)
- V. Accompanying this declaration is:

A STATEMENT OF FACTS IN SUPPORT OF FILING ON BEHALF OF NONSIGNING INVENTOR,

to establish the proof of pertinent facts, and to show that such action is necessary to preserve the rights of the parties or to prevent irreparable damage, and

	the petition fee o	f \$130.00 (37 C.F.R. 1.17(I))
	•	f \$130.00 (37 C.F.R. 1.17(I)) ORIGINAL SIGNED BY
Date:_	38199	JPH
		James P. Hao

PETITION FORM FOR SIGNATURE BY PERSON WITH SUFFICIENT PROPRIETARY INTEREST ON BEHALF OF OMITTED INVENTOR(S)WHO REFUSE(S)TO SIGN OR CANNOT BE REACHED (37 CFR 1.47(b))

James P. Hao ype or print name of person (entity) with sufficient proprietary interest or authorized to act on behalf of such person (entity))		
nereby declare that:		
I. I am a citizen of <u>United States of America</u>		
residing at 1678 Tupolo Drive		
San Jose, California 95124		
II. I [] am a person with sufficient proprietary interest.		
[X] am a registered attorney, authorized by the following person or juristic entity with sufficient proprietary interest,		
(complete the following information, if applicable):		
Silicon Graphics, Inc.		
2011 North Shoreline Boulevard		
Mountain View, California 94043-1389		
III. By virtue of this proprietary interest, I sign this declaration on behalf of, and as agent for:		
Mr. John Montrym omitted inventor who		
[] refuses to sign		
[X] cannot be found or reached		
Citizenship: United States of America		
1429 Miravalle Avenue		
Los Altos, California 94024		

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the petition fee of \$130.00 (37 C.F.R. 1.17(I))

ORIGINAL SIGNED BY